

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-26. (Canceled)

27. (Currently amended) A solar cell module comprising:

a plurality of solar cell elements each having a front surface and a rear surface;

a first bus bar electrode provided on the front surface;

a second bus bar electrode provided on the rear surface;

a plurality of finger electrodes, wherein at least one of the finger electrodes has an end which is connected to at least one of the first and the second bus bar electrodes formed on the front surface and/or the rear surface;

each bus bar electrode having a longitudinal direction;

an inner lead for electrically connecting the first bus bar electrode of a one of the solar cell elements and the second bus bar electrode of an other of the solar cell elements;

and a filler for sealing the first and the second bus bar electrodes, the finger electrodes and the inner lead,

wherein in a plan view of the front surface of the solar cell element, a width of the inner lead along a width direction perpendicular to the longitudinal direction is smaller than one of a width of the first bus bar electrode and a width of the second bus bar electrode along the width direction,

wherein each of the first and the second bus bar electrodes comprises a first region being connected with the inner lead and a second region including an edge

portion along an edge parallel to the longitudinal direction that is nearer to the edge than the first region, and

wherein the at least one end of the finger electrode that is connected to at least one of the first and the second bus bar electrodes and the second region is in direct contact with the filler[.]

~~wherein, in plan view, the center of the inner lead does not coincide in the width direction with at least one of the group selected from the center of the first bus bar electrode and the center of the second bus bar electrode.~~

28. (Previously presented) The solar cell module according to claim 27, wherein at least one of the first and the second bus bar electrodes is joined to the inner lead with a solder at its center portion in the width direction.

29. (Canceled)

30. (Currently amended) The solar cell module according to claim [[29]] 27, wherein the finger electrodes are brought into direct contact with the filler over its whole length.

31-32. (Canceled)

33. (Previously presented) The solar cell module according to claim 27, wherein at least one of the first and the second bus bar electrodes and the inner lead are joined with a solder containing Bi.

34. (Previously presented) The solar cell module according to claim 27, wherein the solder for joining at least one of the first and the second bus bar electrodes and the inner lead contains Sn, and satisfies the following equation:

$$\Sigma(V_i W_i) < 2.8(\%)$$

(where i denotes the number of elements composing the solder, V_i denotes the contraction coefficient (%) at the time of solidification of each of the elements composing the solder, W_i denotes the percentage by weight of each of the elements composing the solder (the whole is taken as 1), and the sum Σ takes 1 to i)

35. (Previously presented) The solar cell module according to claim 27, wherein the second region comprises a first second region and a second second region, wherein in a plan view or plan perspective view of the front surface of the solar cell element, the second region is positioned so that the first region is interposed therebetween the first second region and the second second region along a direction perpendicular to a longitudinal direction of at least one of the first and the second bus bar electrodes.

36. (Previously presented) The solar cell module according to claim 27, further comprising solder for connecting the first and second bus bar electrodes with the inner lead, wherein the solder forms a first connected area with the inner lead and a second connected area with the first and second bus bar electrodes, wherein the width of the first connected area along the width direction is not the same as the width of the second connected area along the width direction.

37. (Canceled)

Appl. No. 10/580,982
Amdt. Dated November 23, 2011
Reply to Office Action of August 25, 2011

Attorney Docket No. 374611-000053
Customer No. 73230

38. (Currently amended) The solar cell module according to claim [[29]] 27, wherein the inner lead overlaps the finger electrode that is connected to at least one of the first and the second bus bar electrodes, wherein the space between the finger electrode and the inner lead that is overlapping the finger electrode is occupied by the filler.